

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for constructing parameterized web documents comprising ~~the steps of~~:
 - (a) receiving as input a current document to be distributed to a user;
 - (b) identifying a base document that serves as a reference for said current document;
 - (c) ~~executing a first computer program to decompose~~ decomposing said current into (i) strings that occur in said base document, and (ii) strings that do not occur in said base document;
 - (d) creating a second computer program that when executed on a content browser recreates and displays the current document from (i) said base document, and (ii) said strings that do not occur in said base document; and
 - (e) distributing said second computer program to said user in place of sending to said user said current document in its entirety.
2. (Currently Amended) The method of claim 1 wherein said second computer program includes: (i) a base document identifier; (ii) references to portions of said base document for strings that occur in said base document; and (iii) references to strings that do not occur in said base document.
3. (Currently Amended) The method of claim 1 wherein said second computer program of ~~step (e)~~ is in a scripting language executable on a content browser of said user.
4. (Original) The method of claim 3 where said scripting language is Javascript.

5. (Currently Amended) The method of claim 1 wherein said second computer program is configured so that no special software is required at the user for reconstructing said current document.
6. (Currently Amended) The method of claim 1 wherein said second computer program is configured to be self-executing on said content browser.
7. (Original) The method of claim 1 wherein said base document shares content with said current document.
8. (Original) The method of claim 1 wherein said base document is accessible to said user from a cache.
9. (Original) The method of claim 8 wherein said cache is a local cache of said user's content browser.
10. (Original) The method of claim 8 wherein said cache is a network cache common to a plurality of users.
11. (Original) The method of claim 8 wherein said base document is encoded with a lifetime that is greater than an expected usage time therefor.
12. (Original) The method of claim 8 further comprising replacing said base document in said cache when a difference between said current document and said base document exceeds a threshold value.
13. (Currently Amended) The method of claim 1 wherein said second computer program includes a reference to said base document.

14. (Original) The method of claim 13 wherein said reference to said base document is configured to substantially minimize conflicts with references to non-base documents.
15. (Original) The method of claim 13 wherein said reference to said base document is a storage location identifier.
16. (Original) The method of claim 15 where said storage location identifier is a URL.
17. (Original) The method of claim 16 where said URL contains a substantially random number.
18. (Currently Amended) The method of claim 1 wherein ~~said step (b)~~ of identifying said base document is based on degree of similarity to said current document.
19. (Original) The method of claim 18 wherein said base document is a previous version of the current document.
20. (Original) The method of claim 1 wherein said base document is a template for said current document.
21. (Original) The method of claim 1 wherein said documents are block-based and said strings are said blocks.
22. (Original) The method of claim 21 wherein said block-based documents are representations of video sequences.
23. (Original) The method of claim 21 wherein said block-based documents are representations of audio sequences.

24. (Currently Amended) A computer-readable storage medium encoded with program logic instructions for improving network efficiency of document transmission from a content server to a user, said processing instructions when executed on a computer:

- (a) receiving as input a current document to be distributed to a user;
- (b) identifying a base document that serves as a reference for said current document;
- (c) decomposing said current document into (i) strings that occur in said base document, and (ii) strings that do not occur in said base document;
- (d) creating a computer program that when executed on a content browser recreates and displays the current document from (i) said base document, and (ii) said strings that do not occur in said base document; and
- (e) distributing said computer program to said user in place of sending to said user said current document in its entirety.

25. (Currently Amended) A file server located between, and configured to improve network efficiency of document transmission between, a content server and a user, comprising:

- (a) an input interface configured to:
 - (i) receive a current document to be distributed to a user, and
 - (ii) identify a base document that serves as a reference for said current document;
- (b) a condensation module configured to:
 - (i) decompose said current document into (x) strings that occur in said base document, and (y) strings that do not occur in said base document, and
 - (ii) create a computer program that when executed on a content browser recreates and displays the current document from (x) said base document, and (y) said strings that do not occur in said base document; and
- (c) an output interface configured to distribute said computer program to said user in place of sending said current document in its entirety.

26. (Original) The file server of claim 25 further comprising a cache configured to provide said base document.

27. (Currently Amended) A method for constructing parameterized web documents comprising the steps of:

- (a) receiving as input content strings to be distributed to a user;
- (b) obtaining a base document that serves as a reference for said content strings;
- (c) executing a first computer program to represent ~~representing~~ a current document to be transmitted to said user as a combination of (i) said input content strings and (ii) at least one portion of said base document;
- (d) creating a second computer program in a scripting language that when executed on a content browser recreates and displays the current document from (i) said base document, and (ii) said input content strings; and
- (e) distributing said second computer program to said user in place of sending said current document in its entirety.

28. (Currently Amended) A computer-readable storage medium encoded with program logic instructions for improving network efficiency of document transmission from a content sewer to a user, said processing instructions when executed on a computer:

- (a) receiving as input content strings to be distributed to a user;
- (b) obtaining a base document that serves as a reference for said content strings;
- (c) representing a current document to be transmitted to said user as a combination of (i) said input content strings and (ii) at least one portion of said base document;
- (d) creating a computer program in a scripting language that when executed on a content browser recreates and displays the current document from (i) said base document, and (ii) said input content strings; and
- (e) distributing said computer program to said user in place of sending said current document in its entirety.

29. (Currently Amended) A file server located between, and configured to improve network efficiency of document transmission between, a content server and a user, comprising:
- (a) an input interface configured to:
 - (i) receive content strings to be distributed to a user, and
 - (ii) obtain a base document that serves as a reference for said content strings;
 - (b) a condensation module configured to:
 - (i) represent a current document to be transmitted to said user as a combination of (~~x~~) said input content strings and (~~y~~) at least one portion of said base document, and
 - (ii) create a computer program that when executed on a content browser recreates and displays the current document from (~~x~~) said base document, and (~~y~~) said input content strings; and
 - (c) an output interface configured to distribute said computer program to said user in place of sending said current document in its entirety.
30. (Original) The file server of claim 29 further comprising a cache configured to provide said base document.